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(71) Applicant (for all designated States except US): **WATERS INVESTMENTS LIMITED** [US/US]; 109 Lukens Drive, New Castle, DE 19720 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **O'GARA, John, E.** [US/US]; 30 Bellview Heights, Ashland, MA 01721 (US).

(74) Agent: **LAURO, Peter, C.**; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

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(54) Title: POROUS HYBRID MONOLITH MATERIALS WITH ORGANIC GROUPS REMOVED FROM THE SURFACE

(57) Abstract: A material for chromatographic separations, processes for its preparation, and separation devices containing the chromatographic material. In particular, porous inorganic/organic hybrid monoliths are provided with a decreased concentration of surface organic groups, and have improved pH stability, improved chromatographic separation performance, and improved packed bed stability. These monoliths may be surface modified resulting in higher bonded phase surface concentrations and have enhanced stability at low pH.



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